

Examination of Adsorbed Properties of Active Carbons
by Benzol and Nitrogen Vapors, by M. M. Dubinin,
E. H. Zhurovskaya.

13 *HR* *11/11/59*
RUSSIAN, per, Academy of Sciences News Chemical
Sciences Division, No 5, 1959, pp 535-544.

ACSI H-5099

Sci - Chemistry

Apr 60

111,887

Abstract. 4. *Equation of State of Gases and Vapors on Active Curves*
therm of Gases and Vapors on Active Curves
Over a Wide Interval of Temperatures, Including
the Critical Region, by K. M. Nikol'skii, M. H.
Dobrynin, 10 pp.

RUSSIAN, per, *Iz Ak Nauk SSSR, Otdel Khim*
Muzh, No 10, 1958, pp 1157-1166.

Consultants Bureau

Sci

Apr 60

112,167

(NY-4790)

Investigation of Vapor Adsorption on Adsorbents
With Heterogeneous Surfaces, by M. M. Dubinin,
Ye. G. Zhukovskaya, Ye. D. Zaverina, I. Ye.
Neymark, R. Yu. Sheynfayn, 29 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1960, pp 588-598.

JPRS 7497

Sci - Chem

Mar 61

142,458

Adsorption of Water Vapor on Crystalline Silver

and Lead Halide Dust Particles, by N. N. Moshvitin,
M.M. Dubinin and A. I. Sarakhov, 4 pp.

RUSSIAE, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 840-843.

Consultants Bureau

Sci

Dec 59

102, 022

Molecular Sieves as Adsorbents of the 1st
Structural Type, by B. P. Boris, M. M. Dubinin,
E. G. Zhukovskaya, 4 pp. *ING*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 82,
1960, pp 865-867.

CB

149,967

Sci

Apr 61

Surface Oxidation and Adsorption Properties
of Active Carbon, by M. M. ~~Dubinin~~.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV,
No 5, 1955, pp 513-526.

Tech and Comm Trans

USSR
Sci - Chemistry

24,797

Investigation of the Porous Structure of
Active Carbon by Complex Methods, by M. M.
Dubinin, 21 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 1,
1955, pp 3-13.

Sci Trans Center RT-3315

Scientific - Chemistry

32,720

Apr 56

The Descriptive Properties of Carbonaceous Adsorbents.
I. Analysis of Previously Obtained Experimental
Data, by M. M. Zubinin, B. D. Zaverina, D. F.
Timofeyev, 8 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1957, pp 670-677.

Consultants Bureau

Sci - Chem

May 59

86,934

Surface and Sorption Properties of Active Carbons. Communications 2. Investigation of the Effect of Chemically Adsorbed and Chemisorbed Oxygen on the Adsorption Properties of Active Carbons With Respect to Water Vapor, M. M. Dubinin, E. D. Zaverina, 9 pp. ¹⁰by

RUSSIAN, per Iz Ak Nauk SSSR, Otel Khim Nauk, No 9, Sep 1957, pp 1038-1049.

1956

Consultants Bureau

Sch - Chem

30, 444

Jul 57

Investigation of Adsorption at High Pressures, by
B. N. Vasilyev, B. P. Bering, M. M. Dubinin, V. V.
Serpinsky, 4 pp.

CXIV,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXX, No 1
1957, pp 131-134.

Consultants Bureau

Sci - Chemistry
Jul 58

67.615

E-5117

(NY-2546).

Absorption of Gases and Vapors and the Structure
of Adsorbents, by H. M. Dubinin, 27 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXI, No 5,
May 1952, pp 513-533.

JPRS-3-798-5

Sci - Chem

88,900

Jun 59

Studies of the Pore Structure of Solids by
Sorption Methods. 1. Analysis of Various
Methods for Computing the Distribution of Pore
Volume, by M. M. Dubinin, 23 pp.

RUSSIAN, per Zhur Fiz Khim, Vol XXX, 1956, pp
1652-1661. CIA 9038812

SLA R-2025
(AIX Tr 3008)

71,184

Sci
Aug 58

Adsorbability and the Physico-Chemical Properties of
Vapor-like Substances. 1. An investigation of the
adsorption of vapor-like substances by activated
Charcoals, by M. M. Dubinin and D. P. Timofeyev.

RUSSIAN, no per, Zhur Fiz Khim, ^{Vol 8XL} No 21, No 10, 1947,
pp 1213-22: 1222.

AEC Tr 434

Scientific - Chemistry

A-1892

May 1951 CTS

32T8

Adsorption Properties of Carbon Adsorbents.
Communication 5. Peculiarities in the Sorption
of Water Vapor by Active Carbons at High
Relative Pressures, by M. M. Dubinin,
E. G. Zhukovskaya, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 6, 1960, pp 966-975.

CB

Sci

may 62

195,635

is Absorption of Gas From a Stream of Air by
M. M. ~~S~~ Dubinin, 10 pp.

ISSUES, per, Zhur Fiz Khim, Vol LXII, 1930,
683-692. CIA D 177536

See memo Lib 55/1091

Def Sci Info Svc
DRB T 168 R

Scientific - Chemistry

April 55 CTS

22,403

Sorption of Water Vapor by Active Charcoals,
by M. M. Dubinin, E. D. Zaverina, 4 pp.

RUSSIAN, bino per, Iz Ak Nauk USSR, Otdel Khim
Nauk, No 2, 1954, pp 217-224. (219 D 157309

22A L.R-1028
Consultants Bureau

23,315

Scientific - Chemistry

May 55 CTS/DEX

63-12002

Dubin, M. M., Zhukovskaya, E. G. and
Murdmaa, K. O.

ADSORPTION OF NITROGEN AND WATER VAPOR ON
ZEOLITES OF TYPE X AND THE POTENTIAL THEORY
OF ADSORPTION. Pt. 6 of Investigation of Adsorption
Properties and Secondary Pore Structure of Adsorbents
with a Molecular Sieve Action. [1962] 10p.
Order from ATS \$14.50 ATS-22P64R

Trans. of [Akademiya] Nauk SSSR. Otd[elenie] Khim-
[icheskikh] Nauk. Izv[estiya] 1962, no. 6, p. 960-968.

DESCRIPTORS: *Adsorbents, *Organolites, *Nitrogen,
*Water vapor, Adsorption, Theory.

- I. Dubin, M. M.
- II. Zhukovskaya, E. G.
- III. Murdmaa, K. O.
- IV. Title: Investigation ...
- V. ATS-22P64R
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

63-12002

Office of Technical Services

ATS-22P64R-3699
(Chemistry--Physical, TT, v. 9, no. 2)

Dubinin, M. M. and Zhukovskaya, Ye. G.
STUDY OF THE POROUS STRUCTURE OF SOLIDS
BY SORPTION METHODS. II. COMPARISON OF DIFFERENT
METHODS OF CALCULATING PORE-VOLUME AND SURFACE
DISTRIBUTION WITH RESPECT TO SIZE FOR SORBENTS ON
TYPICAL EXPERIMENTAL MATERIAL. [1961] 12p.
Order from ATS \$17.40 ATS-98N50R

Trans. of Zhur[nal] Fiz[icheskoy] Khim[ii] (USSR)
1956, v. 30, no. 8, p. 1840-1851.

DESCRIPTORS: Solids, *Porous materials, *Porosity,
*Adsorption, Adsorbents, Test methods.

(Chemistry--Physical, TT, v. 6, no. 2)

61-22376

I. Dubinin, M. M.
II. Zhukovskaya, Ye. G.
III. Title: Comparison...
IV. ATS-98N50R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Hormones of the Thyroid Gland and Their Analogs,
V. A New Synthesis of β -Thyroxine, by N. N. Suvorov,
A. A. Dubinskaya, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 2051-2054.

CB

Sci
Aug 61

162,552

(SF-2249)

THE EXPERIENCE OF APPLYING SOME PHYSIOLOGICAL
METHODS OF RESEARCH FOR HYGIENIC EVALUATION OF
AGRICULTURAL LABOR OF SCHOOL CHILDREN, BY
I. D. DUBINERAYA, V. K. KUZ'MINA, 9 PP.

RUSSIAN, PER, GIGIYENA I SANITARIYA, VOL XXVII,
NO 3, 1962, PP 28-33.

JPRS 14,345

SCI 2 SOC
JAN 76

202,150

Dubinskaya, N. and Ulmanis, U.

INVESTIGATION OF THE BACK-SCATTERING OF
GAMMA-RADIATION (Issledovanie Obratnorasseyan-
nogo Gamina-Izlocheniya) tr. by A. Pingell. 15 Aug 62,
Sp. 6 refa. N R L Trans. no. 910.

Order from OTS \$0.50

62-11765

Trans. of Akademiya Nauk Latviskoi SSSR, Riga,
Izvestiya, 1957, no. 7(120) p. 147-150.

DESCRIPTORS: *Gamma rays, Scattering, Atomic
number, Gamma ray spectroscopy, Radioactive
isotopes.

The intensity of back-scattered gamma-radiation was
investigated as a function of the atomic number of
the Z-scatterer.

(Nuclear Physics and Nuclear Chemistry, TT, v. 8,
no. 10)

62-11765

I. Dubinskaya, N.
II. Ulmanis, U.
III. NRL Trans-910
IV. Naval Research Lab.,
Washington, D. C.

C226199

Office of Technical Services

Investigation of the Back-Scattering of Gamma-Radiation, by N. Dubinskaya, U. Ulmanis, 5 pp.

LATVIAN
RUSSIAN, per, Latvijas PSR Zinatnu Akademijas
Vestis, No 7 (120), 1957, pp 147-150. 9678168

Navy Tr 3244/NRL 910

Sci - Phys

Nov 62

217, 210

Study of the Variability of the Total Ionizing Component
of Cosmic Rays, by Yu. G. Izrael, L. Kholodovskiy.
RUSSIAN, per, Geotekhnika i Astronomiya, Vol IV,
No 3, 1964, pp 943-947.
NASA TT P-55888-1616

Set-25 & 26

Feb 65

U.S. GOVERNMENT ONLY

274,607

The Microclimate of Irrigated Lands, by G.P. Dubinskii
RUSSIAN, memo, ~~Ekspertizna po Agrometeorologii i~~
~~Agroklimatologii Ukrainy~~ ~~SSR~~ ~~Materialy~~ 1958, pp. 169-
1875.
SLA-TR-64-18762

G. P. Dubinskii

R. Sol
Aug 66

3077,801

Some Integral Inequalities and the Solvability of
Degenerate Quasilinear Elliptic Systems of Differential
Equations, by Ju. A. Dabinskii, 36 p.
RUSSIAN, per, Matemat Sobornik, 34(106), 1964,
pp 458-480.

An Math Soc
Vol LIII, Ser 2

Sci-Math
Jun 66

303,736

Brief Communications, by I.G. Dubinskiy, V.F.
Erko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1483-1485.

Instruc Soc of Amer

135, 406

Sci
Jan 61

. 11-0532 .

Detection and Extraction of a Glycoprotein From
Blood Serum Which Causes a Reduction in Coronary
Outflow, by A. A. Dubinskiy, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2,
Mar/Apr 1961, pp 197-200.

JPRS 9694

Sci - Med

Aug 61

162,141

Khellin and Its Application in the Treatment
of Disorder of Coronary Circulation, by Ya. I.
Khadzhai, A. A. Dubinskiy.

RUSSIAN, per, Vopr. Patol Serdechnososud Sist,
Vol IV, 1955, pp 3-9.

NIH 33

Sci - Med

Sep 58

78,293

Devonian of the Folded Basement of the Cis-
Caucasus, by A. Ya. Dubinskiy, 5 pp.

RUSSIAN, per, Geolog Neft 1 Gaza, Vol IV, No 5-B.
1960.

IRG

Sci
Jun 63

232,678

The Accuracy of Measuring the Parameters of Oscillations Distorted by Low-Intensity Gaussian Noise, by B. A. Dubinskiy, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12, 1959, pp 1977-1984.

PP

Sci -
Apr 61

146,570

A. Simplification of the Construction and ~~Tuning~~
Tuning up of the Machines of the Sartovskiy Plant
for Mass Production of Templates for Shoe Parts, by
E. A. Dubinskiy, B. More About Standards of
Durability of Velours Used in Footwear, by
K. G. Golbraykh, 9 pp, (ID 1274776) UNCLASSIFIED

RUSSIAN, per, Leg Prom, No 1, 1954, Moscow,
pp 23-26; 44, 45.

24,989

G-2, GSUSA G-4676

USSR -
Economic -

Jun 55 CTS

The Study of the Heat and Moisture Balance of the
Ukraine as a Basis for Measures to Raise the
Productivity of Agriculture, by V. P. Popov,
I. K. Bogatyr', G. P. Dubinskiy, 12 pp.

RUSSIAN, rpt.

Amer Geographical Soc
Soviet Geography
Vol II, No 7

169,388

Sci - Geophys

3ep 61

Meteorology, by G. P. Dubinskiy, I. I. Guralnck,
S. V. Mnikonova, 470 pp. UNCLASSIFIED

RUSSIAN, bk, Meteorologiya, 1956, 398 pp. 6046004

AFIC F-13-9839/V

Sci - Geofic

Apr 60

112,959

(DC-4400/2)

On the Academic Scientific Course in the Political
Economy of Capitalism, by N. Dragilev, L.
Dubinskiy, F. Kashutin, 12 pp.

RUSSIAN, per, Kommunist, No 12, Aug 1960, pp 62-70.

JPRS 6092

SSR

ol

st 60

129,035

(NY-5218)

Ways to Raise the Productivity of Labor in the
Construction of Main Cable Lines, by M. A.
Dubinskiy, 20 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1955.

JPRS 7087

Sci
Jun 61

156,792

Organizing Assembly-Line Construction of
Accessory Structures of International Cable Trunk
Lines, by M. A. Dubinskiy, 7 pp.

RUSSIAN, per. Voenik Svyazi, No 12, 1953,
pp. 12-14

IPAS 70pc

GTAF 1-1

Sci

May 61

154,296

Flow Rotating Streams of Gas in Annular
Channels, by M. G. Dubinskiy.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 11, 1955, pp 125-128.

Co-Op Trans Sch Tr 290
\$1.12s.

Sci - Physics

42,650

Vortex Apparatuses, by M. I. Dubinskiy.

RUSSIAN, per, Is Ak Nauk, No 8, 1955, pp 3-10.

Co-Op Trans Sch Tr 240
23.4s. (8s.04.)

Sci - Engineering

42,691

Vortex Apparatuses, by M. Gh. Dubinskiy, 7 pp.
UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 8, 1955, pp 3-10.

Sci Mus Lib 1890

Sci - Engr; Phys
Mar 59

83,290

SHORTCOMINGS IN THE PRODUCTION OF MATERIALS DESPITE
A DEVELOPED BACK IN ENVELOPE-RELAUNCHING MAY,
BY N. BODINOV, V. BODINOV, 5 PP.

RUSSIAN, PER, MARSHALVE HODKATSTAD KAMINOSTAD,
NO 12, 1942, PP 36-38.

~~SECRET~~ 19516

1962

031,746

RECENTLY BUILDING INTERIALS SHOWN, BY
H. BERNARD, V. BERNARD, 10 PP.

RECENT, PER, BERNARD BERNARD BERNARD,
NO 12, 1962, PP 36-38.

APR 18 1962

1000
1000
APR 18

1000

CERTAIN INTEGRAL INEQUALITIES AND THE
SOLVABILITY OF REGENERATING QUASILINEAR
ANALYTIC SYSTEMS OF DIFFERENTIAL EQUATIONS,
by Yu. A. Dubinskiy, 28 pp.

RUSSIAN, per, Matemat Sbornik, Vol XLIV,
No 3, 1964, pp 456-480. 9639527
DTIC-FT-65-1808

120
Yu. A. Dubinskiy

Sci - Incl Sci & Tech
Tab 44

296,356

The First Boundary Value Problem for Degenerating Quasilinear Elliptic Systems of Differential Equations, by Yu. A. Dubinskiy,

5 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Sov Math, Vol CIVI, No 5, 1964, pp 1018-1021.

Amer Math Soc
Sov Math - Doklady
Vol V, No 3

Sci
Oct 64

267,544

Evaluating the Efficiency of Automatic Control Systems,
by L. G. Dubitskii, 6 pp.

(RUSSIAN, per, Izmeritel Tekhnika, No 7, 1963, pp 17-19.

ISA

245,924

Sci
Jan 64

Kinetics of the Hydrolysis of Hemicelluloses of Outer
Grain Layers--Wastes from Grain and Mixed-Feed
Factories, by M. S. Dudkin, 27pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXIV, No 9, 1962,
pp 1901 - 1907

CB

Sci

Jul 63

342, 322

(DC-4700)

Method for Determining the Number of Auxiliary
Workers in Production, by M. Samenova,
G. Dubkov, 6 pp.

RUSSIAN, per, Sotsialisticheskij Trud, No 2,
1962, pp 93-95.

JPRS 13695

USSR
Econ
May 62

195, 933

56
About the Quality of Volatile Oil of Various
Kind of Indian Mustard, by
N. F. Dublyanskaya,
RUSSIAN, per, Selektsiya i Semenovodstvo, Vol
XXVIII, No 6, 1963, pp 71-72.
ILL FTS 2791 (On Loan or Purchase)

N. F. Dublyanskaya

Sci-1000
Mar 67

321,446

Statistical Assessment of the Quality of Natural
Rubber, by O. V. Rykova, Yu. B. Dubuker, 4 pp.

RUSSIAN, per, Kauczuk i Rezina, Vol XX,
No 8, 1961, pp 12-19.

RAFTA

Sci

Jul 62

204,105

(2021-4)

System of Protection From Pulse Noise in Apparatus
For Recording Meteor Activity, by S. Dubnik, B. L.
Kashcheyev, M. F. Igutin, I. A. Ignatenko, 5 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, No. 11,
1958, pp 1379-1383.

JPRS L-656-III

Sci - Electronics
Mar 59

82,738

Rapid Detection of Fluorine in Organic Fluorine-
Containing Materials by Nonwettability of Glass,
by L. M. Dubrikov, O. V. Chebotarev, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 4, 1960,
pp 511-516.

CB

164, 237

Sol
Aug 61

Host Reservoirs in the Developmental Cycle ⁶⁰
of the Nematode *Filaroides bronchialis*,
by A. A. Dubnitskiy.
RUSSIAN, per, Karak Zvez, Vol VIII, No 3,
1955, pp 51, 52.
HEW MIN No 4-38-66

A. A. Dubnitskiy

Sci - B/N
May 66

101,376

Investigation of Sheet Charge Detonations
of Explosives, by L. V. Dubrov,

V. A. Pukov.

RUSSIAN, per, Za. Prikl Tekh i Tekh

Flz. No 6, 1966, pp 110-111.

REC

RUC April 30, 1966

Sci-

Rob 00

L. V. Dubrov

Mistakes in Geometric Proofs, by Ya. S. Dubnov.

RUSSIAN, bk, Oshibki v Geometricheskikh
Dokazatel'stvakh.

D.C. Heath Co, Publ.
285 Columbus Ave
Boston 16, Mass

per Memo: NSF
16 Dec 60

1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692,

A.M. Dubnova

10-10-1964

Adsorption Properties and Secondary Porous
Structure of Adsorbents with a Molecular
Sieve Action, Communication 1. Industrial
Samples of Synthetic Zeolites, by M. M.
Dubinin, M. M. Vishnyakova, E. D. Zaverina, 8 pp.

RUSSIAN, per, Iz Ak Nauk
SSSR, Otdel Khim Nauk, No 3, 1961,
pp 396-405.

GB

ATJ/RJ-3284 200. 644

Sci
Apr 62

Kinetics of Thermal Decomposition of Solids.
Communication 2. Thermal Decomposition
of Silver Carbonate, by O. Kadlets,
M. M. Dubin, 5 pp.

RUSSIAN, per, Iz Ak Nauk
SSSR, Otdel Khim Nauk, No 3, 1961,
pp 390-395.

CB

200,643

Sci
Apr 62

Adsorption of Vapors on Nonporous Sorbent Models
with a Physically Modified Surface. Communication
I, Low Temperature Adsorption of Nitrogen on Carbon
Black with Preadsorbed Water, by A.I. Sarakhov, M.
M. Dubinin, Yu.F. Berezkina, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 974-983.

CB

200, 6 98

Sci
Apr 62

The Sorption and Structure of Active Charcoals.
VI. Structural Types of Active Charcoals, by M. N.
Dubinin and E. D. Zaverina, UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, 1949, Vol 23, No 10,
pp 1129-1140.

Sci Mus Lib No 52/2936

Scientific

25 October 1952

News in Studies of Adsorption Phenomenon, by
M. M. Dubinin, 5 pp.

RUSSIAN, per, Vest Ak Nauk, No 3, 1949, pp 19-36,
Encl to IR -374-55, AFOIN-1A1. CIA D 256549.

AF 671150

USSR

Sci - Chemistry, adsorption

26,801

62-12121

Dubinin, M. M.
COMPOSITION OF UNIT CELLS AND MAXIMUM
ADSORPTION VOLUMES OF DEHYDRATED
SYNTHETIC ZEOLITE CRYSTALS. [1961] 5p.
Order from ATS \$9.00 ATS-71N56R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961,
v. 138, no. 4, p. 866-869.

DESCRIPTORS: *Organolites, *Crystals, Adsorption.

(Chemistry--Organic, TT, v. 7, no. 3)

- I. Dubinin, M. M.
- II. ATS-71N56R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

107475

ATS/RJ-2887

Office of Technical Services

Dubinin, M. M.
ANALYSIS OF THE EXPERIMENTAL DATA ON
SILICAGELS WITH A CHEMICALLY-MODIFIED
SURFACE. Rept. 3. of [A Study of Vapor Adsorption
on Adsorbents Having Heterogeneous Surfaces]. [1961]
14p. (2 figs. 7 tables 5 equations omitted). 13 refs.
Order from OTS or SLA \$1.60 61-16786

Trans. of Akademiya Nauk SSSR. Otdeleniye
Khimicheskikh Nauk. Izvestiya, 1960, no. 10,
p. 1739-1750.

Another trans. is available from OTS \$0.50 as
61-21561, PRS-9058, 19 Apr 61, 16p.

DESCRIPTORS: *Silicon compounds, *Dioxides, *Gels,
Adsorbents, Surface area, *Vapors, Adsorption, Ex-
perimental data, Analysis.

The main cause of the decrease in the adsorption
(Chemistry--Physical, TT, v. 6, no. 12) (over)

61-16786

- I. Dubinin, M. M.
- II. Title: Study...
- III. Title: Investigation of the
Adsorption of Vapors on
Adsorbents with a
Heterogeneous Surface

Office of Technical Services

Investigation of the Adsorption of Gases by
Active Charcoals, by M. M. Dubinin and E. D.
Zaverina, UNCLASSIFIED

RUSSIAN, Dok Ak Nauk SSSR, 1950, Vol 82 No 2,
pp 319-322.

Sci Mus Lib No 52/2915

Scientific

25 October 1952

A-1890

Absorption of Water Vapor on Ionic Crystals
Communication I. Procedure and Results in an
Investigation of the Adsorption of Water Vapor on
Silver Iodide and Chloride Crystals, by N. N.
Moskvitin, M. M. Dubinin, A. I. Sakharov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1959, pp 2080-2087.

CB

Sci
Oct 60

130,317

Porous Structure of Adsorbents, by M. M. Dubinin,
X pp. UNCLASSIFIED
4

RUSSIAN, b1 no per, IIR Iz Ak Nauk, Otdel Khim Nauk
No 4, 1952, pp 577-582.

Consultants Bureau

~~RESTRICTED~~
Scientific - Chemistry

16,932
CTS/DEX

Absorption Properties and Microporous Structure of
Industrial Activated Carbons, by M. M. Dubinin,
E. D. Zaverina, 7 pp.

RUSSIAN, per, Zhur Prik Khim, XXXIV, No 1, 1961,
pp 113-119.

CB

Sci

183, 812

Mar 62

The Sorption of Water Vapor by Active
Carbons, by M. M. Dubinin, E. D. Zaverine,
6 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCII, No 1, 1953, Encl to NA, London,
Ser 486-S-55, pp 111-114.

TPA3/TIB T 4329

Scientific - Chemistry
CTB 71/Aug 1955

26,148
SLA: 61-13717

The Absorption of Gas From a Stream of Air.
II. The Time of Protective Action of the First Layers
of an Adsorbent Bed, by M. M. Dubinin, S. I.
Parshin, A. A. Pupyrev, 5 pp.

RUSSIAN, per, Zhur Obshch. Khim, SSSR, Vol
LXII, 1930, pp 193 1947-1951.

ABC Tr 2135

Scientific - Chemistry

May 55 CTS/DEX

Sci Mus Lib

55/1775

RT-2460

T 177R

S-5122

(DC-2781)

1/2
Influence of a Porous Structure ~~of the~~
Adsorbents on the Form of the Adsorption Iso-
therm of Vapors, by M. N. Dubinin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV,
No 3, 1952, pp 539-542.

JPRS L-1721-D

USSR
Sci - Chem
Jul 59

90,660

(NY-5977/1)

Theory of Physical Adsorption of Gases and
Vapors and the Adsorption Properties of
Adsorbents of Differing Nature and Having
Porous Structure, by M. M. Dubinin, 27 pp.

RUSSIAN, per, Iz Ak Nauk SSSR - Otdel Khim
Nauk, No 7, 1960, pp 1153-1161.

JPRS 9238

166,349

USSR

Sci - Chem

Ser 61

REQ TR CHECK

17-03-10

TDF3

SYNTHETIC ZEOLITES, PREPARATION, STUDY AND
APPLICATION

DUBININ M N

UR: PRESS OF THE ACADEMY OF SCIENCES, USSR
MOSCOW, 1962, pages unknown 1-286*Process in as**MT 72-24-0729**Negative*23 MAR
1972

**Radiation and Reproductive Changes in Various Phases of the
Human Cellular Cycle in Tissue Culture, by
M. P. Dabbs, L. G. Dabbs, 19 pp.
RADIATION, part, Radiolabel, Vol III, No 2, 1963,
pp 111-130, 9219301**

AEC-Tr-5125

**Sci
Mar 64**

252,643

16.
Molecular Genetics and the Effects of Radiation
on Heredity, by M. P. Dubinin, 431 pp.
RUSSIAN, in, Molekuljarnaya Genetika i Deyatviye
Ehshchiny na Nasledstvennost', Moscow, 1963,
pp 1-239. 9495449
FTD-TT-63-1214

Sci - Biol & Med Sci
Doc 64

240,70p0

Experimental Study of the Role of Free Radicals and of the Direct Effect in the Primary Mechanism of Radiation Action, by B. N. Sidorov, N. P. Dubinin, N. N. Sokolov, 28 pp.

RUSSIAN, per, Radiobiologiya, Vol. I, No. 2, 1961, pp 161-171.

JRPS XXIX
11322

179,483

Sci
Jan 62

(NY-3000)

How to Increase the Output and Reduce the
Production Cost of Castings, by N.
Dubinin, 6 pp.

RUSSIAN, np, Kross Caseta, No 15,
9 Apr 1962, p 19.

JPRS 14006

~~SECRET~~

Boon

Sci - Engr

Jan 62

197,882

Principal Factors of the Natural Mitation Process,
by N. Dubinin.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 8, 1958,
pp 1093-1107. CIA 9042510

USDA

SLA-59-22319

Sci - Biology
Sep 59

97,470

Problems of Radiation Genetics, by N. P. Dubinin. 135
RUSSIAN, DE.
Oliver and Boyd
London

N. P. Dubinin

Sci-Phys
Apr 65

278,433

STREPTOMYCIN, RADIATION, AND METABOLIC TOXICITY,
BY N. P. BUDAGIN, T. YA. GONCHAROVA, 6 PP.

RUSSIAN, FOR THE AK NASHI, VOL. CXXVII, NO 6,
1962, PP 1181-1189.

JPRS 81018

DCI - DIR. & MED
JAL 63

3
196,466

RADIO CONTROL, BY R. P. HUGHES, 12 PP.

RESEARCH, INC. (REL-RESEARCH) SUBSTITUTION METHOD
STRAUSBERGER, VOL. 10011, 1911, PP 699-710.

JPM 11/11/11

SCI - BIO-MED SCI

PP 63

1118, 1119

62-13474

Dubinin, N. P., Sidorov, B. N., and Sokolov, N. N.
RADIOGENETIC EFFECT OF VISIBLE LIGHT IN
PROVOKING CHROMOSOMAL REARRANGEMENTS
(Radiogeneticheskiy Effekt Vidimogo Sveta pri
Vyzyvanii Khromosomnykh Perestroek). 25 Oct 61.
22p. 44 refs. Trans. A-1302. 62-13474
Order from OTS or SLA \$2.60

Trans. of mono. Fiziko-Khimicheskie i Strukturne
Osnovy Biologicheskikh Yavlenii, Moscow, 1960,
p. 142-153.

DESCRIPTORS: *Chromosomes, Cells (Biology),
Photochemistry, Mitosis, Chemical reactions,
Genetics, *Light, Visibility, Radiation effects.

The photodynamic action of rivanol in relation to
chromosome rearrangements in the cells of onion
roots was demonstrated. Photons, even with energy
as low as that of visible light, in penetrating into the
(Nuclear Physics--Radioactivity, TT, v. 8, no. 1)(over)

- I. Dubinin, N. P.
- II. Sidorov, B. N.
- III. Sokolov, N. N.
- IV. Trans-A-1302

209382

Office of Technical Services

63-23687

Dubinin, N. P.
MOLECULAR GENETICS AND THE ACTION OF
IRRADIATION ON HEREDITY: [SELECTED PARTS].

7 Aug 63. 37p Trans. A-1401.

Order from OTS or SLA \$3.60

63-23687

Partial trans. of mono. Molekulyarnaya Genetika i
Deistvie izlucheni na Nasledstvennost', Moscow, 1963,
239p.

DESCRIPTORS: *Biochemical genetics, Genetics,
*Radiation effects, Nucleic acids, Cells (Biology),
Molecular structure.

Contents:

Table of contents

Preface

Introduction

Conclusion

(Biological Sciences--Radiobiology, TT, v. 10, no. 12)

I. Dubinin, N. P.

II. Trans-A-1401

Office of Technical Services

Cytogenic Effect of Ionizing Radiation and
Chromosomes, by L. V. Chermakova,
P. M. Mabinin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIII,
No. 1, 1962, pp 208-210.

NASA TT F-8193

Sci - Phys

15 Jun 62

US GOV'T USE ONLY

201, 237

(NY-6503)

The Cytogenetic Effect of Ionizing Radiation
and Streptomycin, by L. V. Chuzhanova, E.
P. Dubinin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXLII, No 1, 1961.

JPRS 14202

Sci - Med
Jun 62

203,314

Radiation and Heredity in Man, by N. P. Dubinin,
19 pp.

RUSSIAN, bk, what Russian Scientists Say About
Fallout.

Collier Books
New York, N. Y.

C

Sci

Jun 68

Library No QH 652 .L43 E5

(DC-0551)

The Nature of Radiogenetic Mutations and the
Problem of the Effect of Ionizing Radiations
on the Heredity of Man, by N. P. Dubinin,
19 pp.

RUSSIAN, per, Zhur Vses Khim Obsch imeni
D. I. Mendeleeva, Vol VI, No 3, 1961,
pp 332-337.

JPRS 13373

190,886

Sci - Chem
Apr 62

An Experimental Study of the Primary Action of
Radiation on the Nucleus, by N. P. Dubinin, B. N.
Sidorov, N. N. Sokolov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 221-224.

AIP
Sov Phys- Doklady
Vol V, No 4

Sci

Mar 61

141,729

Radiation and Nuclear Changes in Various Phases of the
Human Cellular Cycle in Tissue Culture, by
N. P. Dubinin, L. G. Dubinina, 19 pp.
RUSSIAN, per, Radiobiol, Vol III, No 2, 1963,
pp 181-190. 9219348

AEC-Tr-5435

Sci
Mar 64

252,663

S-15/60

(NY-3440).

Genetic Effect of Free Radicals, by N. P. Dubinin,
B. N. Sidorov, N. N. Sokolov, 13 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 1,
Sep/Oct 1959, pp 172-175.

JPRS 2504

Sci - Med, Genetics
Apr 60

113,844

Radiogenetic Effect of Visible Light in
Provoking Chromosomal Rearrangements, by
N. P. ⁶Gubin⁵, B. N. Sidorov, N. N. Sokolov.

RUSSIAN, ^{bk} ~~part~~, Institut Biologicheskoi Fiziki.
Fiziko-Khim i Strukturnye Osnovy Biologicheskikh
yavlenii, Moscow, 1960, pp 142-153. 9094824

USDA Tr A-1302

177,282

Sci - Phys

Dec 61

The Effect of Small Radiation Doses on Chromosomal
Rearrangements During the Irradiation of Cells in
Human Embryonic Tissue Cultures, by N. P. Rubinska,
Yu. Ya. Kerkis, L. I. Lebedyeva, 10 pp.

RUSSIAN. 9073730

ASC Tr-4327

177,417

Sci - Med
Dec 61